

# FILE NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Pinned

Card Indexed

I W R for State or Fee Land

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

## COMPLETION DATA:

Date Well Completed

OW

WW

TA

GW

OS

PA

Location Inspected

Bond released

State of Fee Land

## LOGS FILED

Driller's Log

Electric Logs (No.)

E

I

E-I

GR

GR-N

Micro

Lat

Mi-L

Sonic

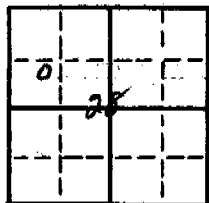
Others

TEMPERATURE LOG

CONTINUOUS Dipmeter

(SUBMIT IN DUPLICATE)

LAND:



## OIL &amp; GAS CONSERVATION COMMISSION

SALT LAKE CITY, UTAH

Fee and Patented.....☐State.....☒Lease No. U-070042Public Domain.....☒Lease No. U-070042Indian.....☐

Lease No. ....

## SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....	<input checked="" type="checkbox"/>	Subsequent Report of Water Shut-off.....	
Notice of Intention to Change Plans.....		Subsequent Report of Altering Casing.....	
Notice of Intention to Redrill or Repair.....		Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....		Supplementary Well History.....	
Notice of Intention to Abandon Well.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 20, 1962

Well No. 1 is located 1332 ft. from (N) line and 1109 ft. from (W) line of Sec. 28

N 1/4 SW 1/4, Sec. 28 T. 30 S., R. 25 E. SE SALT LAKE

(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Unnamed San Juan Utah

(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~ground~~ ground above sea level is 6521 feet.

A drilling and plugging bond has been filed with U.S.G.S. (Pure Oil Co.)

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Reference is made to Cause #70. Beginning Prior to 1 January, 1963, it is planned to drill a test well at the above location to a depth of approximately 9500 feet, or through the Mississippian formation, or to commercial production, whichever is at a lesser depth. Potential production is anticipated in the Paradox member of the Pennsylvanian Hermosa formation, and/or in the Miss. Madison formation. The expected tops are as follows: Paradox salt - 2350'; Base of Salt - 9000'; Molas - 9150'; and Madison - 9200'. ✓

It is planned to set 250 feet of 13 1/8" surface casing in a 17 inch hole with cement returns to the surface. ✓ A 12 1/2" hole will be drilled below the ~~surface~~ surface casing, using air as a circulating medium, to a depth of 2350' or as deep as possible with air. ✓ An intermediate string of 9-5/8" casing will be set at this depth with 250 sacks of cement. ✓ A 8 3/4" hole will be drilled below the intermediate ~~string~~ with salt base mud. (over)

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company Pacific Natural Gas Exploration Co.

Address 366 South Fifth East  
Salt Lake City, Utah

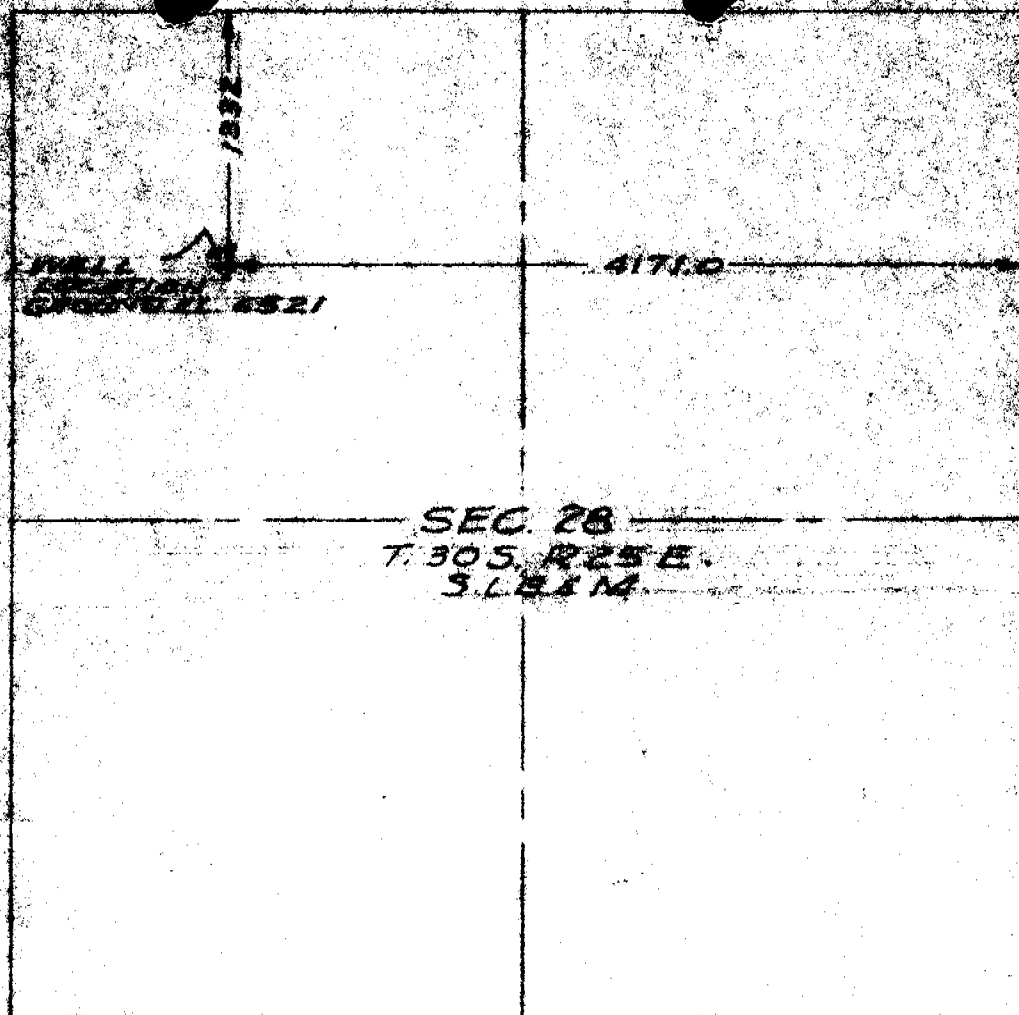
By H. Don Guigley  
Title Consulting Geologist

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

If production is obtained, a production string of 5½ inch casing will be set and cemented through the production zones. ✓

DEC 21 1962

*Copy H-2-E*



SCALE: 1" = 1000'

#### SURVEYORS CERTIFICATE

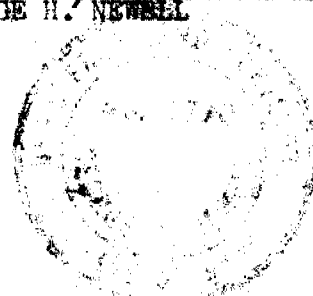
I, GEORGE H. NEWELL DO HEREBY CERTIFY THAT I AM A REGISTERED LAND SURVEYOR AND THAT I HOLD CERTIFICATE NO. 1770 AS PRESCRIBED BY THE LAWS OF THE STATE OF UTAH AND THAT THIS PLAT SHOWING A WELL LOCATION DESCRIBED AS FOLLOWS:

1332 FEET FROM THE NORTH LINE AND 4171 FEET FROM THE EAST LINE OF SECTION 28, T. 30 S., R. 25 E., S.L.B. & M., WITH GROUND ELEVATION OF 6521 feet,

IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DATE DECEMBER 20, 1962

*George H. Newell*  
\_\_\_\_\_  
GEORGE H. NEWELL



December 24, 1962

Pacific Natural Gas Exploration Co.  
366 South Fifth East  
Salt Lake City, Utah

Attn: W. Don Quigley, Geologist

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Little Valley #1, which is to be located 1332 feet from the north line and 1109 feet from the west line of Section 28, Township 30 South, Range 25 East, SLEB, San Juan County, Utah.

This well for Drilling Unit 18, is approved in accordance with the Order issued in Cause No. 70.

As soon as you have determined that it will be necessary to plug and abandon the above mentioned well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer  
Office: DA 8-5771 or DA 8-5772  
Home: CR 7-2890  
Salt Lake City, Utah

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Very truly yours

OIL & GAS CONSERVATION COMMISSION

CLEON B. FRIGHT  
EXECUTIVE DIRECTOR

CBF:cp

cc: D. F. Russell, Dist. Eng.  
UEGS - Salt Lake City, Utah

*Jerry Long*

H. L. Coonts, Pet. Eng.  
OGCC - Moab, Utah

December 26, 1962

Pacific Natural Gas Exploration Co.  
366 South Fifth East  
Salt Lake City, Utah

Attn: W. Don Quigley, Geologist

Gentlemen:

Reference is made to our letter of approval dated December 24, 1962, to drill Well No. Little Valley #1, which is to be located 1332 feet from the north line and 1109 feet from the west line of Section 28, Township 30 South, Range 25 East, SEBM, San Juan County, Utah.

Approval to drill said well was granted; however, due to the fact that this well is located in the designated Lisbon Valley Potash Area, certain procedures must be followed to protect against migration of oil, gas or water into or within any formation (Paradox Salt Section of Pennsylvanian Age) containing potash.

These provisions are set forth in the changes to the General Rules and Regulations and Rules of Practice and Procedure adopted June 6, 1962. See Rule C-23, a copy of which has been enclosed.

Also, this approval is conditional upon a plat being furnished this office in accordance with Rule C-4(a), General Rules and Regulations, Utah State Oil and Gas Conservation Commission.

Your cooperation in this matter will be greatly appreciated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT  
EXECUTIVE DIRECTOR

CBF:cp

cc: Jerry Long, Dist. Eng.  
USGS - Durango, Colorado

H. L. Coonts, Pet. Eng.  
OGCC - Moab, Utah

PACIFIC NATURAL GAS EXPLORATION COMPANY

366 SOUTH FIFTH EAST

SALT LAKE CITY 2, UTAH

December 26, 1962

State of Utah  
Oil & Gas Conservation Commission  
310 Newhouse Building  
Salt Lake City, Utah

Re: Notice of Intention to Drill  
Little Valley No. 1 Well  
SW $\frac{1}{4}$ NW $\frac{1}{4}$  Sec. 28, T. 30 S.,  
R. 25 E., San Juan Co., Utah

Gentlemen:

Attached are two copies of a registered surveyor's location plat to be attached to the subject "Notice of Intention to Drill" on Federal Oil and Gas Lease Number Utah-070042 which was filed with your office for our Company on December 21, 1962.

Yours very truly,

*M. Darwin Quigley des*

M. Darwin Quigley  
District Geologist

des/  
Enclosures

# THE SUPERIOR OIL COMPANY

P. O. BOX 600  
DENVER 1, COLORADO

MINERALS DIVISION

December 31, 1962

Mr. Cleon B. Feight  
Executive Director  
Utah Oil and Gas Conservation Commission  
310 Newhouse Building  
Salt Lake City 11, Utah

Dear Mr. Feight:

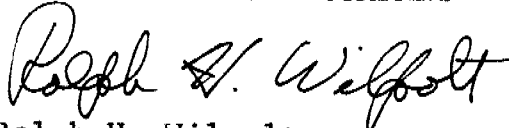
I learned recently that Pacific Natural Gas Exploration Company intends to drill an oil and gas test, the Little Valley No. 1 well, located in the SW NW Section 28, T.30S/R.25E, San Juan County, Utah. It so happens that this well is located within the portion of the Lisbon Valley which has been classified by the U.S.G.S. as containing known potash deposits and therefore Rule C-23 is applicable.

I contacted Mr. M. Darwin Quigley of Pacific Natural Gas Exploration Company and called his attention to this situation. He has been quite cooperative and immediately sent us a location plat and notice of intention to drill. I note in the details of work to be done on said well that it is the intention of Pacific Natural Gas Exploration Company, if production is obtained, to run a production string of 5-1/2" casing to be set and cemented through the production zones. You are aware that in Section E of Rule C-23 any casing set into or through the salt section shall be cemented solidly through the salt section above the casing shoe. It is our hope that all of the regulations included in Rule C-23 would be applied to this well for the sole purpose of protecting the potash beds.

Your consideration of the contents of this letter will be greatly appreciated.

Very truly yours,

THE SUPERIOR OIL COMPANY

  
Ralph H. Wilpolt  
Manager, Minerals Division

RHW/jmw

cc; Mr. M. Darwin Quigley



To: United States Geological Survey

P. O. Box 1806  
Durango, ColoradoCopy H. L. C.  
UNITED STATESDEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYBudget Bureau No. 42-R356.5.  
Approval expires 12-31-60.LAND OFFICE **Utah**  
LEASE NUMBER **Utah-07 0042**  
UNIT**LESSEE'S MONTHLY REPORT OF OPERATIONS**State **Utah** County **San Juan** Field **Wildcat (Little Valley)**The following is a correct report of operations and production (including drilling and producing wells) for the month of **December**, 19**62**, **PACIFIC NATURAL GAS**Agent's address **366 South Fifth East Street** Company **EXPLORATION COMPANY**  
**Salt Lake City 2, Utah**Phone **DAvis 2-2583** Signed *J. Bloom*  
Agent's title **District Landman**

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NWNW 28	30S	25E	1							<p><i>Little Valley</i></p> <p>Commenced drilling on December 28, 1962.</p> <p>On December 31, 1962 total depth was 265 feet.</p> <p>Reaming hole at 50 feet in preparation to set surface pipe.</p>

cc: Utah Oil & Gas Conservation Commission ✓  
310 Newhouse Building  
Salt Lake City 11, UtahNOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold;  
\_\_\_\_\_ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

January 2, 1963

Superior Oil Company  
P. O. Box 600  
Denver 1, Colorado

Attention: Ralph H. Wilpolt

Dear Mr. Wilpolt:

With reference to your letter of December 31, 1962, please be advised that approval to drill the Little Valley #1 well, which is to be located in the designated Lisbon Valley Potash Area, was conditional upon complying with the rules and regulations set forth in Rule C-23. Enclosed is a copy of said approval.

When drilling commences, our engineer in Moab, Mr. H. L. Coonts, will inspect all phases of operations and prescribe the necessary precautions.

Your consideration in the provisions protecting the potash beds is appreciated by the Commission.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

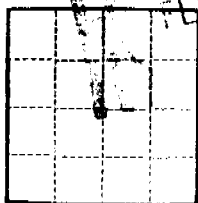
PAUL W. BURCHELL  
CHIEF PETROLEUM ENGINEER

PWB:cnp

cc: Darwin Quigley, Dist. Geologist, Salt Lake City, Utah  
H. L. Coonts, Petroleum Eng., Moab, Utah

FEB 6 1963

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYBudget Bureau No. 43-R222.4  
Approval expires 12-31-60.Land Office Durango, Colo.  
Lease No. S.L. 070042  
Unit Wildcat~~PLEASE HOLD ABSOLUTELY CONFIDENTIAL !~~  
SUNDRY NOTICES AND REPORTS ON WELLS

RECEIVED

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	FEB 4 1963
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	U. S. GEOLOGICAL SURVEY
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	DURANGO, COLO
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 1, 1963

Well No. 1 is located 1332 ft. from N line and 1109 ft. from E line of sec. 28SW 1/4 Sec. 28,

(1/4 Sec. and Sec. No.)

30 S.,

(Twp.)

25 E.,

(Range)

S.L.

(Meridian)

Wildcat

(Field)

San Juan

(County or Subdivision)

Utah

(State or Territory)

The elevation of the derrick floor above sea level is 6531 ft.

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

1. Spudded December 28, 1962
2. Set 13-3/8", H 40, casing at 265' w/250 sacs + 2% CaCl<sub>2</sub>
3. Ran Gamma-Ray & direction survey to 2,855'. Top Salt 2,620'.
4. Drilled 12 1/4" hole with air to 2,890' & set 9-5/8", J 55 casing to 2,845' w/250 sacs salt saturated.
5. Drilled 8-3/4" hole with air to 5,384', stuck pipe, mudded up, worked pipe free and drilled ahead to present depth 7,711' (2/1/63).
6. Ran two drill stem tests:

(See reverse side)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company PACIFIC NATURAL GAS EXPLORATION COMPANYAddress 306 South Fifth East St.Salt Lake City, UtahBy M. Darwin Quigley  
M. Darwin Quigley  
District Geologist

Title

PLEASE HOLD ABSOLUTELY CONFIDENTIAL !

D.S.T. #1, 7105-7321 in Salt section

Open 2 hrs., Shut in 1 hr.  
Recovered 600' of heavily gas cut mud.  
Gas to surface in 15 min.. T.S.T.N.  
ISIP = 500  
IIF = 150  
FFP = 218  
FSIP = 326  
HSP = 3925

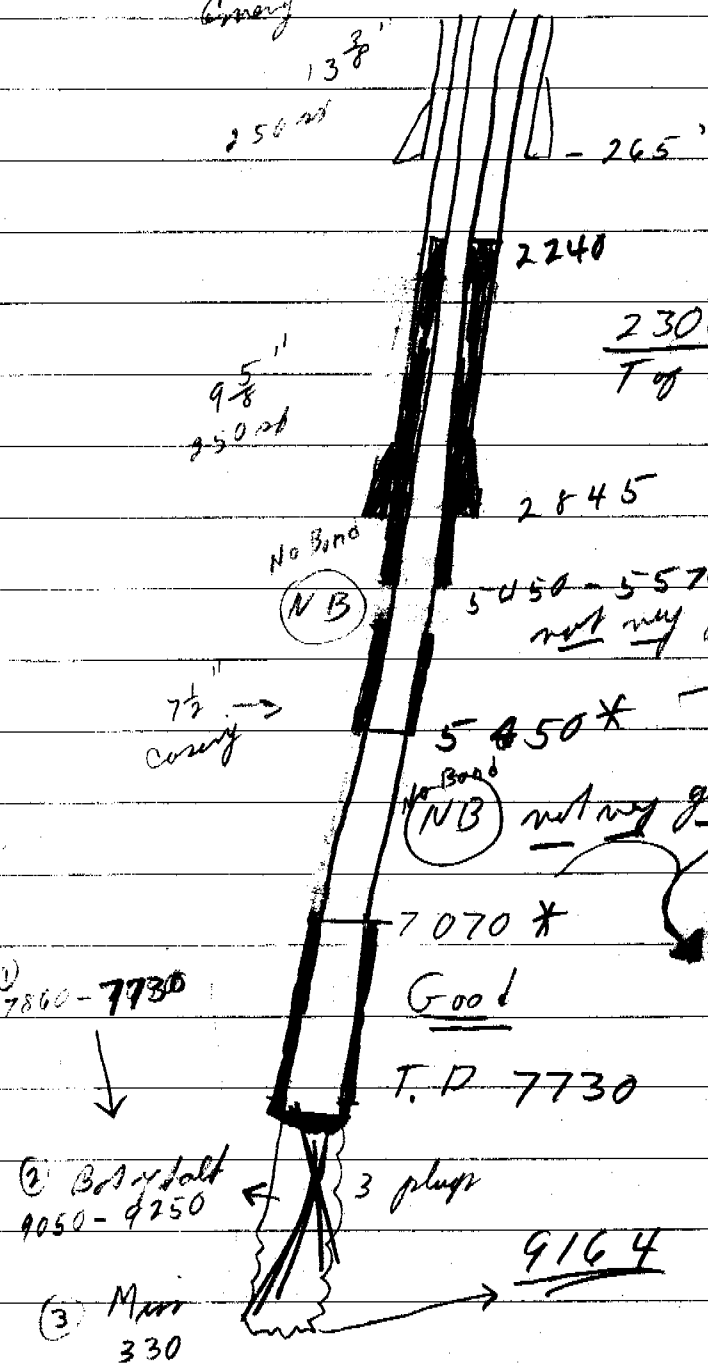
D.S.T. #2, 7535-7678 in Salt section ?

Open 1-3/4 hrs., Shut in 30 min.  
Gas to surface in 10 min. Gauged 95 MCFCPD.  
Recovered 1740' fluid (100' heavily gas, oil & sulphur  
cut mud + 1640' of 60.5° gravity oil)  
IHSP = 4850#  
ISIP = 4435#  
IIF = 2640#  
FFP = 2640#  
FSIP = 3930#  
FHSP = 4860#

Little Valley #1  
 Pacific Natural Gas Exp. Co.  
 sec. 28, T30S-R25E  
 Emery

March 11, 1963  
 Don Wrigley

Top Salt - 2620



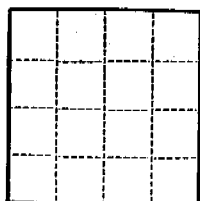
DST #1 7105-7321 in  
 salt section

660' of heavy gas oil mud

DST #2 7535-7678 in  
 salt section

1740' fluid - with gas & oil.

gave approval to  
 the cementing operations.  
 Did not feel it necessary to  
 squeeze 1450' of cement to try and  
 get a better bond.  
 Potash zones were indicated on logs.



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYLand Office Durango  
Lease No. S.L. 070042  
Unit Wildcat**PLEASE HOLD ABSOLUTELY CONFIDENTIAL !**  
**SUNDRY NOTICES AND REPORTS ON WELLS**

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	X
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 16, 1963

Little Valley

Well No. 1 is located 1332 ft. from N line and 1109 ft. from E line of sec. 28

SW NW - 28

(1/4 Sec. and Sec. No.)

30 S.,

(Twp.)

25 E.,

(Range)

S.L.

(Meridian)

Wildcat

(Field)

San Juan

(County or Subdivision)

Utah

(State or Territory)

The elevation of the derrick floor above sea level is 6531 ft.

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

7. Drilled 8-3/4 inch hole to 7,730 feet.
8. Ran Gamma-Neutron, Sonic-Caliper, and direction survey to 7,730 feet.
9. Ran 7", 32#, 29#, 26#, and 23#, N-80 casing to 7,690 feet. Cemented two stages. First stage - 160 sacks salt saturated neat cement. Waited 9 hours. Pumped 1,040 sacks salt saturated cement thru D.V. tool at 6,618 feet. Used 25% excess to bring cement up into the 9-5/8" to 2,700 feet.
10. Waited on cement 60 hours, then drilled to 7,748 feet with 6-inch bit and set whipstock. Hole had deviated from 2° to 6° East from 7,678 to 7,730 feet. Whipstock changed hole direction to 2-3/4° S 25 W.
11. Ran D.S.T. #3 - from 7,970 to 8,015 feet. Recovered 315 feet of slightly oil and gas cut mud. (OVER)

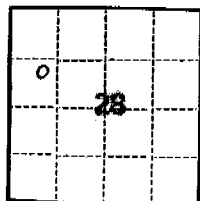
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company PACIFIC NATURAL GAS EXPLORATION COMPANYAddress 366 South Fifth East St.Salt Lake City 2, UtahBy M. Darwin Quigley  
M. Darwin Quigley  
Title District Geologist

I.S.I.	30 minutes
Open	60 minutes
F.S.I.	30 minutes
I.S.I.P.	465#
I.F.P.	45#
F.F.P.	45#
F.S.I.P.	200#
H.S.P.	4520#
B.H.T.	130°

12. Presently drilling at 8,502 feet in hard black dolomite shale and brown to black granular Dolomite.

FEB 19 1963



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYLand Office Durango  
Lease No. S.L. 070042  
Unit WildcatPLEASE HOLD ABSOLUTELY CONFIDENTIAL

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 18, 1963

Well No. 1 is located 1332 ft. from N line and 1109 ft. from E line of sec. 28SW 28 30 S. 25 E. S.L.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)Wildcat San Juan Utah  
(Field) (County or Subdivision) (State or Territory)The elevation of the derrick floor above sea level is 6531 ft.

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

13. Drilled 6" hole from 8,502' - 9,712' T.D.  
14. Ran D.S.T. No. 4 from 9,580' - 9,712'. Good blow throughout test.  
No gas to surface. Recovered 6,650' of sulphurous salt water.  
Open 3 minutes - first flow  
ISI 30 minutes  
Open 90 minutes - second flow  
FSI 45 minutes  
Second flow:  
I.H.P. 5281# F.S.I.P. 3237#  
I.S.I.P. 3233# F.H.P. 5289#  
I.F.P. 431# Temp. 156° F.  
F.F.F. 2953#

(OVER)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company PACIFIC NATURAL GAS EXPLORATION COMPANYAddress 366 South Fifth East St.Salt Lake City 2, UtahBy R. D. Geddes  
R. D. Geddes  
Title Petroleum Engineer



15. Ran mechanical logs.  
Top of Mississippian 9,434'.
16. Ran B.S.T. No. 5. Tested interval 9,484' - 9,559'. Weak blow for first 15 minutes decreasing to very weak blow for balance of test. Recovered 630' of muddy salt water.
- Open 3 minutes - first flow
  - I.S.I. - 30 minutes
  - Open 90 minutes - second flow
  - F.S.I. - 45 minutes
  - I.H.P. 5219#
  - I.S.I.P. 3101#
  - I.F.P. 39#
  - F.F.P. 338#
  - F.S.I.P. 3013#
  - F.H.P. 5219#
  - Temp. 158° F.
17. Set cement plugs as follows:
- #1 - 9,712' - 9,375' w/ 50 sacks
  - #2 - 9,280' - 9,050' w/ 35 sacks
  - #3 - 7,860' - 7,650' w/ 90 sacks
18. Directional Survey indicates bottom of hole is 33.7' South and 233.0' West of shoe of surface casing.  
Deviation at 9,599', 22° S 89° W.
19. Ran cement bond log. Good cement 7,700' - 7,070', no cement 7,070' - 5,650', good cement 5,400' - 2,200'.

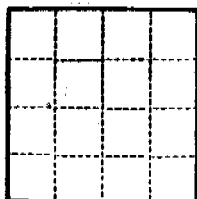
RDG:des

Please hold absolutely CONFIDENTIAL

## Distribution:

- 3 to U.S.G.S., Durango, Colorado
- 1 to U.O.G.C.C., Salt Lake City, Utah
- 1 to Pure Oil Company, Durango, Colorado
- 1 to T. A. Johnson, Jr., P.N.G.E., Los Angeles





(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.  
Form Approved.

Land Office Durango  
S.L. 070042  
Lease No. \_\_\_\_\_  
Unit Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

April 15, 1963

Little Valley  
Well No. #1 is located 1332 ft. from N line and 1109 ft. from W line of sec. 28...  
SWNW 28 T30S R25E S.L.  
(Of Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6531 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

20. Perforated with McCullough jet bullets, 4 shots per foot in following intervals: 7558' - 7574', 7580' - 7596', 7596' - 7612', 7520' - 7636', 7655' - 7660'.
21. Attempted to treat with 100 gals. mud acid. Buildt pressure to 4000 PSIG at surface without breaking down. Held pressure over night, March 15, 1963. Still did not break down.
22. March 18, 1963. Reperforated same intervals as above with 2 shots per foot, with 80 gram jets.
23. March 19 thru March 24, 1963. Flow tested. Recovered 102 bbls. of formatio fluid (mostly salt water with trace of oil).
24. March 25, 1963. Pressured up against perforations. Would not take diesel at 4000# indicating nearly complete lack of (over)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Pacific Natural Gas Exploration Co.

Address 366 So. 5th East

Salt Lake City 2, Utah

By M. Darwin Quigley  
M. Darwin Quigley  
Title District Geologist

- communication with formation during flow tests.
25. March 26, 1963 - 28, 1963. Swab tested. Results not definitive. Swab would not go into heavy waxy fluid below 5500'. Reversed fluid out by pumping diesel down annulus.
  26. March 29, 1963. Ran Howco RTTS packer to isolate and test perforations separately. Packer would not go below 7572'.
  27. March 30-31, 1963. Ran scraper and bit. Could not rotate below 7584'. Casing collapsed.
  28. April 2, 1963. Acidized with 18 Barrels of 15% acid above collapsed interval thru perforations 7558' - 7574'. Maximum pressure 3000 PSIG, pumping pressure 2400#, flowed back 7 bbls. and died.
  29. April 3, 1963. Swabbed acid back, plus 65 bbls. salt water from formation.
  30. April 4, 1963. Set Howco RTTS PACKER at 7582' and pumped thru collapsed Csg. below packer at 2400#. Had slow communication with annulus, indicating break around thru cement or formation into perforations above packer.
  31. April 5, 1963. Swabbed heavy black material thru tubing, believed to be coming from upper zone - no oil.
  32. April 6, 1963. Suspended operations after shutting well in and reinstalling well head equipment.
  33. Operations will remain suspended until 2nd confirmation well is drilled and tested.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R356.5.

LAND OFFICE **Durango**  
LEASE NUMBER **S.L. 070042**  
UNIT **Wildcat**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Wildcat  
The following is a correct report of operations and production (including drilling and producing wells) for the month of May, 19 63,  
Agent's address 366 South Fifth East St. Company Pacific Natural Gas Exploration Company  
Salt Lake City 2, Utah Signed R. D. Luddis  
Phone 322-2583 Agent's title Petroleum Engineer

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SW NW 28 30S 25E 1										
Further attempts to complete the well will be delayed until a second test well has been drilled in the area.										

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold;

no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R356.5.

LAND OFFICE **Durango**  
LEASE NUMBER **SL 070042**  
UNIT **Wildcat**

# LESSEE'S MONTHLY REPORT OF OPERATIONS

State **Utah** County **San Juan** Field **Wildcat (Little Valley)**

The following is a correct report of operations and production (including drilling and producing wells) for the month of **July**, 19**63**, **Pacific Natural Gas**

Agent's address **366 South Fifth East Street** Company **Exploration Company**

**Salt Lake City 2, Utah** Signed **R. D. Gaddes**

Phone **322-2583** Agent's title **R. D. Gaddes**  
**Petroleum Engineer**

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; If shut down, cause; date and result of test for gasoline content of gas)
SW NW 28	30S	25E	1							Further attempts to complete the well will be delayed until a test well has been drilled in the area.

NOTE.—There were **no** runs or sales of oil; **no** M cu. ft. of gas sold;

**no** runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



Form approved.  
Budget Bureau No. 42-R356.5.

16-25786-9 U. S. GOVERNMENT PRINTING OFFICE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R356.5.

LAND OFFICE Durango  
LEASE NUMBER SL-070042  
UNIT Wildcat

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Little Valley (Wildcat)

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 19 63

Agent's address 366 South Fifth East Street Company Pacific Natural Gas

Salt Lake City 2, Utah Signed R. B. Geddes

Phone 322-2583 Agent's title Petroleum Engineer

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SW NW 28	30S	25E	1				0			Shut-in
SE SE 29	30S	25E	2							
<p>Fracced with 20,820 gallons of crude oil, 140 barrels of liquid CO<sub>2</sub>, and 4500 # of 10-20 sand. Blended 1300 # of Adomite with the crude oil. Pumped the oil and sand down annulus and CO<sub>2</sub> down tubing. Maximum pressure 4500 # with no apparent breakdown pressure. Average injection rate 24.5 B.P.M. Instantaneous shut-in pressure 3400 # decreasing to 3300 # in five minutes and to 2700 # in one hour.</p> <p>Frac increased oil production rate a total of 12 B/D from an original of 3 B/D to a final rate of 15 B/D.</p> <p>Due to the low rate of production, the well will be plugged and abandoned.</p>										

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold;

no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

January 2, 1964

Pacific Natural Gas Exploration Company  
366 South 5th East  
Salt Lake City, Utah

Re: Well No. Little Valley #1  
Sec. 28, T. 30 S., R. 25 E.,  
San Juan County, Utah

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the months of October and November, 1963 for the subject well. Rule C-22(1), General Rules and Regulations and Rules of Practice and Procedure, Utah State Oil and Gas Conservation Commission requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. These reports may be filed on Form OGCC-1b (U. S. Geological Survey Form 9-331, "Sundry Notices and Reports on Wells"), or on Company Forms containing substantially the same information. Information will be held Confidential.

We are enclosing Form OGCC-1b for your convenience.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK  
RECORDS CLERK

cnp

Enclosure - Forms

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> Other _____						5. LEASE DESIGNATION AND SERIAL NO. <b>S.L. 070042</b>	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____						6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>(Not Applicable)</b>	
2. NAME OF OPERATOR <b>Pacific Natural Gas Exploration Company</b>						7. UNIT AGREEMENT NAME <b>(Not Applicable)</b>	
3. ADDRESS OF OPERATOR <b>366 South 5th East, Salt Lake City 2, Utah</b>						8. FARM OR LEASE NAME <b>Little Valley</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <b>1332' FNL &amp; 1109' FWL, Sec. 28 - T 30S - R 25E</b> At top prod. interval reported below <b>(Dry Hole)</b> At total depth <b>111.60'S &amp; 250.26'W of the Surface Location</b>						9. WELL NO. <b>1</b>	
14. PERMIT NO. _____ DATE ISSUED _____ <b>(Not Applicable)</b>						10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b>	
15. DATE SPUDDED <b>12-28-62</b> 16. DATE T.D. REACHED <b>3-6-63</b> 17. DATE COMPL. (Ready to prod.) <b>(Dry Hole)</b> 18. ELEVATIONS (OF, REB, RT, GR, ETC.)* <b>6532' K.B.</b> 19. ELEV. CASINGHEAD <b>6521'</b>						11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA <b>Sec. 28, T 30S R 25E</b>	
20. TOTAL DEPTH, MD & TVD <b>9712'M.D., 9625'T.V.D (Abandoned)</b> 21. PLUG BACK T.D., MD & TVD <b>(Not Applicable)</b> 22. IF MULTIPLE COMPL., HOW MANY* <b>(Not Applicable)</b> 23. INTERVALS DRILLED BY <b>0'-9712'</b> ROTARY TOOLS <b>None</b> CABLE TOOLS <b>None</b>						12. COUNTY OR PARISH <b>San Juan</b>	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <b>None</b>						13. STATE <b>Utah</b>	
26. TYPE ELECTRIC AND OTHER LOGS RUN <b>None</b>						25. WAS DIRECTIONAL SURVEY MADE <b>Yes</b>	
27. WAS WELL CORED <b>Yes</b>						28. CASING RECORD (Report all strings set in well)	
28. CASING RECORD (Report all strings set in well)						29. LINER RECORD	
29. LINER RECORD						30. TUBING RECORD	
30. TUBING RECORD						31. PERFORATION RECORD (Interval, size and number)	
31. PERFORATION RECORD (Interval, size and number)						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.						33.* PRODUCTION	
33.* PRODUCTION						34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						35. LIST OF ATTACHMENTS	
35. LIST OF ATTACHMENTS						36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records						SIGNED _____ TITLE <b>Petroleum Engineer</b> DATE _____	

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

## 37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
					NAME	MEAS. DEPTH	TRUE VERT. DEPTH
(See Attached History)							
(See Attached History)							

FEB 19 1964

# HISTORY

## FORMATION TOPS

<u>Formation</u>	<u>Sample</u>	<u>Electric Log</u>	<u>Corrected Vertical Depths</u>
Cutler-Rice	Surface	Surface	Surface
Hermosa	500'	500'	500'
Ismay Zone	1390'	1336'	1335'
Ismay Shale	1395'	1420'	1419'
Desert Creek Zone	1430'	1450'	1449'
Alsh	1800'	1870'	1868'
Gothic Shale	2415'	2406'	2404'
Top of Salt	2625'	2630'	2628'
Top of Production Zone	7535'	7535'	7493'
Pinkerton Trail	9160'	9164'	9068'
M. 1st	9340'	9313'	9234'
Mississippian	9495'	9433'	9318'

CASING DATA - 7" casing collapsed at 7584'.

## DRILL STEM TESTS

No. 1

7105'-7121' in salt section.  
Opened 2 hours, shut in 1 hour.  
Recovered 660' of heavily gas cut mud.  
Gas to surface in 15 minutes T.S.T.M.  
ISIP - 500  
IFP - 150  
FFP - 218  
FSIP - 325  
HSP - 3925

No. 2

7535'-7678' in salt section.  
Opened 1 3/4 hours, shut in 30 minutes.  
Gas to surface in 10 minutes. Gauged 93 MCF/GPD.  
Recovered 1740' fluid (100' heavily gas, oil & sulphur cut mud + 1640' of 60.5° gravity oil).  
IHSP - 4850#  
ISIP - 4435#  
IFP - 3640#  
FFP - 2640#  
FSIP - 3930#  
FHSP - 4860#

No. 3

7970'-8015'  
Recovered 315' of slightly oil and gas cut mud.  
ISI - 30 minutes  
Open - 60 minutes  
FSI - 30 minutes  
ISIP - 465#  
IFP - 45#  
FFP - 45#  
FSIP - 200#  
HSP - 4520#  
ENT - 130°

# Drill Stem Tests (DSTs)

No. 4      9680'-9712'. Good blow throughout test.  
 No gas to surface. Recovered 6650' of sulphurous salt water.  
 Open 3 minutes - first flow  
 ISI - 30 minutes  
 Open - 90 minutes - second flow  
 PSI - 45 minutes  
 INP - 5281#  
 INIP - 3233#  
 IFF - 431#  
 FFF - 2953#  
 FSIP - 3037#  
 FNP - 5289#  
 Temp - 156°F

No. 5      Tested interval 9121'-9558'  
 Weak blow for first 15 minutes, decreasing to very weak blow for  
 balance of test.  
 Recovered 630' of muddy salt water.  
 Open 3 minutes - first flow  
 ISI - 30 minutes  
 Open 90 minutes - second flow  
 PSI - 45 minutes  
 INP - 5219#  
 INIP - 3101#  
 IFF - 399#  
 FFF - 338#  
 FSIP - 3013#  
 FNP - 5219#  
 Temp - 154°F

## PERFORATIONS

7558'-7574'	---	4 jet holes/ft
7580'-7596'	---	" " " "
7596'-7612'	---	" " " "
7620'-7636'	---	" " " "
7655'-7660'	---	" " " "

Reperforated the above intervals with 2-80 gram jets/ft.

## FORMATION TREATMENT & SUBSEQUENT TESTING

1. Attempted to treat above intervals with 100 gallons of mud acid. Pressured up to 4000 pounds, but could not break down perforations.
2. After reperforating, flow tested and recovered 102 barrels of salt water with a trace of oil in 5 days.
3. Attempted to break down perforations with diesel oil but could not pump away with 4000 pounds pressure.

# Formation Treatment & Subsequent Testing (Con't)

4. After finding 7" casing collapsed at 7581', treated perforations from 7550' to 7576' with 18 barrels of 15 per cent acid, maximum pressure 3000 pounds, average pumping pressure 2400 pounds. Well flowed back 7 barrels, then died. Skidded and recovered balance of acid plus 65 barrels of salt water.
5. Set packer @ 7581', pumped through collapsed casing below packer @ 2400 pounds. Had communication with annulus through perforating from 7550' to 7574' indicating break down of formation or cement outside of 7" casing.
6. Skidded heavy black material from tubing, believed to be coming from upper zone - no oil.

## CEMENT PLUG RECORD

No. 1	9712'-9375'	} Prior to running 7" casing
No. 2	9280'-9050'	
No. 3	7860'-7650'	
No. 4	7584'-7484'	
No. 5	6460'-6560'	
No. 6	1500'-1400'	
No. 7	1000'- 900'	
No. 8	320'- 220'	
No. 9	10 inch cement plug at surface with dry hole marker.	



STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION  
348 EAST SOUTH TEMPLE  
SUITE 301  
SALT LAKE CITY, UTAH

## REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: Little Valley No. 1  
Operator Pacific Nat. Gas Explor. Co. Address 366 South 5th E. Phone DA 2-2583  
Contractor Calwest Explor. Co. Address Ed. June, Colo. Phone \_\_\_\_\_  
Location: NW-SW 1/4 NW 1/4 Sec. 28 T. 30 S R. 25 E San Juan County, Utah.  
Water Sands:

Depth	Volume	Quality
From	To	Fresh or Salty
1. <u>1180</u>	<u>1225</u>	<u>5 bbl / hr. Fresh</u>
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____

(continued on reverse side if necessary)

Formation Tops:

Remarks:

- NOTE: (a) Upon diminishing supply of forms, please inform the Commission  
(b) Report on this form as provided for in Rule C-20, General Rules and regulations and Rules of Practice and Procedure, (See back of form)

**PACIFIC NATURAL GAS EXPLORATION COMPANY**

**366 SOUTH FIFTH EAST STREET**

**SALT LAKE CITY, UTAH** [REDACTED]

**P. O. BOX 2436      84110**


March 24, 1964

**ALL INTERESTED PARTIES**

Re: Little Valley No. 1 & No. 2

Enclosed are the corrected directional logs for our wells, Little Valley No. 1 and No. 2. Please destroy the copies of the directional logs originally furnished to you.

Very truly yours,

  
R. D. Geddes  
Petroleum Engineer

RDG/chd

Enclosures

October 14, 1964

Pacific Natural Gas Exploration Company  
366 South Fifth East  
Salt Lake City, Utah

Attention: Mr. R. D. Geddes, Petroleum Engineer

Re: Well No. Little Valley #1  
Sec. 28, T. 30 S., R. 25 E.,  
San Juan County, Utah

Gentlemen:

Upon receipt of your "Well Completion or Recompletion Report and Log", for the above mentioned well, it was noted that a directional survey was made. It would be appreciated if this Commission could receive a copy of this survey along with all electric logs run on said well. It would also be appreciated if you would complete the enclosed Forms OGCC-8-X, and return to this office as soon as possible.

Thank you for your cooperation with respect to these requests.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

KATHY G. WARNER  
RECORDS CLERK

kgw

Enclosure - Forms

720  
PACIFIC NATURAL GAS EXPLORATION COMPANY

366 SOUTH FIFTH EAST

SALT LAKE CITY 2, UTAH

October 16, 1964

Mr. W. Don Quigley  
Geologist  
Newhouse Building  
Salt Lake City, Utah

Re: Little Valley # 1 Well  
Sec. 28, T 30 S, R 25 E  
San Juan County, Utah

Dear Don:

The State of Utah Oil and Gas Conservation Commission has requested that we submit a report of water encountered during drilling of the captioned well. As you supervised the drilling operations, we would appreciate it if you would prepare this report and forward it to the Commission. The appropriate forms are enclosed.

Very truly yours,

R. D. Geddes  
Division Manager

RDG:mo

Enc.

cc: K. G. Warner

REC-100

*kgw*

PACIFIC NATURAL GAS EXPLORATION COMPANY

366 SOUTH FIFTH EAST STREET

SALT LAKE CITY, UTAH 84110

P. O. BOX 2436 84110

October 16, 1964

Miss Kathy G. Warner  
Records Clerk  
Utah Oil and Gas Conservation Commission  
348 East South Temple  
Salt Lake City, Utah

Re: Little Valley #1 Well  
Sec. 28, T 30 S, R 25 E  
San Juan County, Utah

Dear Miss Warner:

Enclosed are the directional, gamma ray-neutron, sonic-gamma ray, and sonic logs run on the above captioned well. The Forms OGCC-8-X, which you requested, will be sent to you by Mr. W. Don Quigley.

Sincerely,

*R. D. Geddes*

R. D. Geddes  
Division Manager

RDG:mo  
Enclosure

*Kathy - Check these Logs,  
The Logs are for #2 well*

*9-21-64 I called Mr. Geddes about these Electric logs and he told me that he would send the logs in on the Little Valley #1.*